

Converting Colors

Hex(709451)

Have a look what the booklet for
Hex(709451) contains.

Hex(709451)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(709451)

Conversions

Conversions Part 1

Format	Color
Hex	709451
RGB	112, 148, 81
RGB Percent	44%, 58%, 32%
CMY	0.5608, 0.4196, 0.6824
CMYK	0.24, 0.00, 0.45, 0.42
HSL	92°, 29%, 45%
HSV	92°, 45%, 58%
XYZ	18.7572, 25.2186, 11.6637
YIQ	129.5980, 0.0510, -28.4690

Conversions

Conversions Part 2

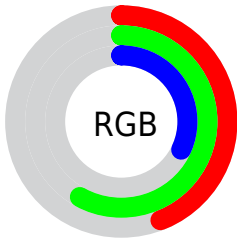
Format	Color
RYB	81, 148, 117
Decimal	7378001
CIELab	57.29, -24.79, 31.37
CIELCh	57, 39.987, 128.318
Yxy	25.2186, 0.3371, 0.4533
Android (android.graphics.Color)	4285568081 (0xFF709451)
YUV	129.5980, -23.9588, -15.4334
Hunter-Lab	50.2182, -21.2095, 21.3820

Details

The Hex color **709451** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **755194**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A5CA83**, and **3E6122** is the 20% darker color. If you saturate the color by 10%, you get **689442**, and if you desaturate by 10%, it is **789460**.

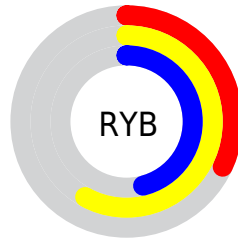
Distribution



Red (44%)

Green (58%)

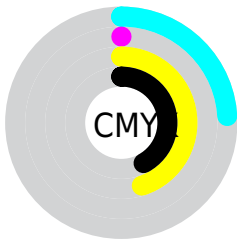
Blue (32%)



Red (32%)

Yellow (58%)

Blue (46%)

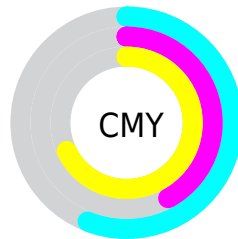


Cyan (24%)

Magenta (0%)

Yellow (45%)

Black (42%)



Cyan (56%)

Magenta (42%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 709451 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 709451 by changing the saturation by 10% instead.

 709451

 709451

FFFFFF

 577A39

 A5CA83

 3E6122

 C1E69E

 264909

 DDFFB9

 0F3200

 FAFFD5

 001F00

 FFFFF2

 000000

 709451

 709451

 689442

 789460

 609433

 80946F

 589425

 88947D

 509416

 90948C


 489407

 98949B

 449400

 A094AA

 A894B9

 B094C7

 B894D6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



968B42



709451



409A6F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



709451



0094CA



CB6D81

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



709451



755194

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



BD71A4



709451



628ACE

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



709451



009AB4



997DC0



C77360

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



709451



009B86



997DC0



C96D8D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



709451



B1BFA4



947551



586150



E0E0E0



616161

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



709451



88BF58



519453



464A43



408A00



050A00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



755194



8F58BF



945192



47434A



4A008A



05000A

Previews

White Background



This preview shows how the Hex color 709451 looks on a white background.

Color Contrast Check

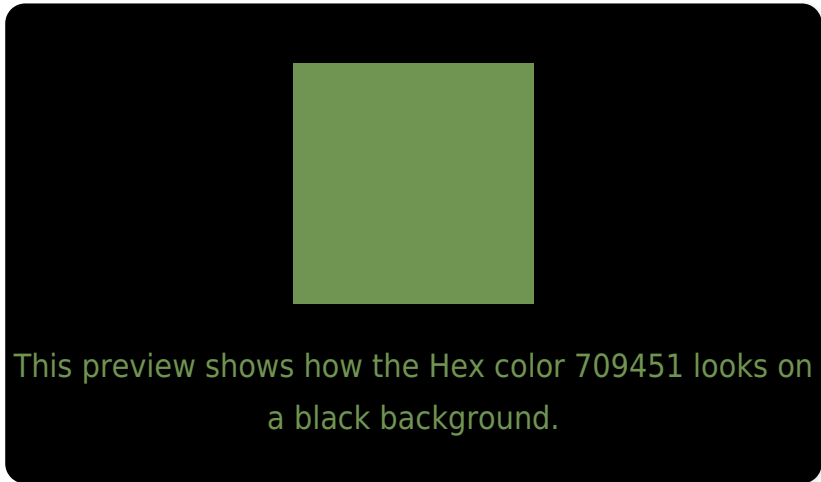
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 709451 Background



This preview shows how black text looks on a background with the Hex color 709451.



This preview shows how white text looks on a background with the Hex color 709451.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
7A8C97

Trichromacy



Original Color
709451

Protanomaly
898D4E

Deuteranomaly
928954

Tritanomaly
768F7E

Monochromacy



Original Color
709451

Achromatopsia
828282

Achromatomaly
7B8970

CSS Examples

Text

The CSS property to change the color of the text to Hex 709451 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #709451 looks like.

```
.text, #text, p{  
    color:#709451  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #709451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #709451
}
```

Border

The CSS property to change the border of an element to Hex 709451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#709451 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#709451 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #709451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #709451; -webkit-box-shadow:4px 4px  
4px 4px #709451; box-shadow:4px 4px 4px  
4px #709451 }
```

Background

The CSS property to change the background color of an element to Hex 709451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#709451 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#709451 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor